



A DOCPHOENIX

# APPL PARTS

IMIS	Internal Misc. Paper
LET.	Misc. Incoming Letter

371P  
PCT Papers in a 371Application

A...  
Amendment Including Elections

ABST  
Abstract

ADS  
Application Data Sheet

AF/D  
Affidavit or Exhibit Received

APPENDIX  
Appendix

ARTIFACT  
Artifact

BIB  
Bib Data Sheet

CLM  
Claim

COMPUTER  
Computer Program Listing

CRFL  
All CRF Papers for Backfile

DIST  
Terminal Disclaimer Filed

DRW  
Drawings

FOR  
Foreign Reference

FRPR  
Foreign Priority Papers

IDS  
IDS Including 1449

NPL  
Non-Patent Literature

OATH  
Oath or Declaration

PET.  
Petition

RETMAIL  
Mail Returned by USPS

SEQLIST  
Sequence Listing

SPEC  
Specification

SPEC NO  
Specification Not in English

TRNA  
Transmittal New Application

CTNF  
Count Non-Final

CTRS  
Count Restriction

EXIN  
Examiner Interview

M903  
DO/EO Acceptance

M905  
DO/EO Missing Requirement

NFDR  
Formal Drawing Required

NOA  
Notice of Allowance

PETDEC  
Petition Decision

## OUTGOING

CTMS	Misc. Office Action
------	---------------------

1449  
Signed 1449

892

ABN  
Abandonment

APDEC  
Board of Appeals Decision

APEA  
Examiner Answer

CTAV  
Count Advisory Action

CTEQ  
Count Ex parte Quayle

CTFR  
Count Final Rejection

## INCOMING

AP.B  
Appeal Brief

C.AD  
Change of Address

N/AP  
Notice of Appeal

PA..  
Change in Power of Attorney

REM  
Applicant Remarks in Amendment

XT/  
Extension of Time filed separate

### Internal

18/10/02 SRNT 24  
Examiner Search Notes

CLMPTO  
PTO Prepared Complete Claim Set

ECBOX  
Evidence Copy Box Identification

WCLM  
Claim Worksheet

WFEE  
Fee Worksheet

### File Wrapper

FWCLM  
File Wrapper Claim

IIFW  
File Wrapper Issue Information

SRFW  
File Wrapper Search Info

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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUIDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUIDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS EXPRESS		October 14	CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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ENTRY	SESSION
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DICTIONARY FILE UPDATES: 17 OCT 2002 HIGHEST RN 462599-37-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> ....Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>

Uploading C:\Program Files\Stnexp\Queries\09807458.str

L1 STRUCTURE UPLOADED

=> que L1

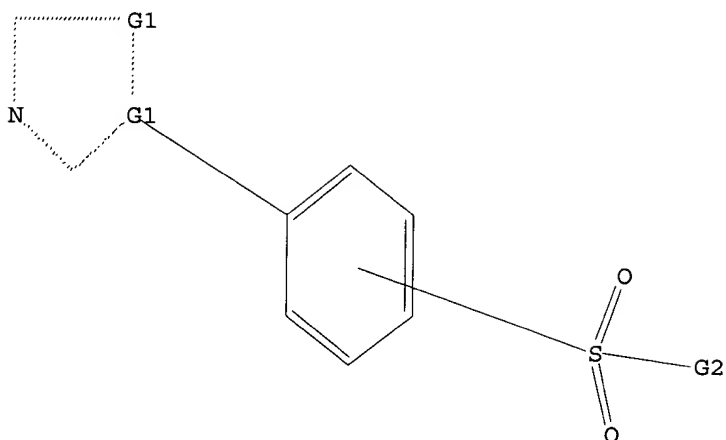
L2 QUE L1

=> d

L2 HAS NO ANSWERS

L1 STR

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G1 C,N

G2 Ak,N

Structure attributes must be viewed using STN Express query preparation.  
L2 QUE ABB=ON PLU=ON L1

=> s l1 full

FULL SEARCH INITIATED 15:16:49 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 55960 TO ITERATE

100.0% PROCESSED 55960 ITERATIONS  
SEARCH TIME: 00.00.04

1176 ANSWERS

L3 1176 SEA SSS FUL L1

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SINCE FILE	TOTAL
ENTRY	SESSION
140.66	140.87

FULL ESTIMATED COST

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FILE COVERS 1907 - 18 Oct 2002 VOL 137 ISS 17  
FILE LAST UPDATED: 17 Oct 2002 (20021017/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l3

L4            199 L3

=> s l3 and imidazole

199 L3

42427 IMIDAZOLE

7435 IMIDAZOLES

44574 IMIDAZOLE

(IMIDAZOLE OR IMIDAZOLES)

L5            56 L3 AND IMIDAZOLE

=> d l5 ibib abs hitstr tot

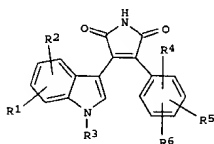
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L5 ANSWER 1 OF 56 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2002:107338 CAPLUS  
 DOCUMENT NUMBER: 136:167378  
 TITLE: Preparation of  
 3-indolyl-4-phenyl-1H-pyrrole-2,5-dione  
 derivatives as inhibitors of glycogen synthase  
 kinase-3beta for therapeutic agents  
 INVENTOR(S): Gong, Leyi; Grupe, Andrew; Peltz, Gary Allen  
 PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.  
 SOURCE: PCT Int. Appl., 105 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002010158	A2	20020207	WO 2001-EP8293	20010718
WO 2002010158	A3	20020516		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KO, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2002052397 A1 20020502 US 2001-916706 20010727  
 PRIORITY APPLN. INFO.: MARPAT 136:167378 US 2000-221058P P 20000727  
 OTHER SOURCE(S):



AB The title compds. [I; R1, R2 = H, alkyl, halogen, haloalkyl, alkylthio, HO, alkoxy, cyano, nitro, amino, acylamino, monoalkylamino, or dialkylamino; R3 represents hydrogen, alkyl, cycloalkyl, heteroalkyl, CHO, alkylcarbonyl, or (un)substituted phenyl; R4, R5 = H, alkyl, halogen, haloalkyl, alkylthio, hydroxy, alkoxy, cyano, nitro, amino, acylamino,

L5 ANSWER 1 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
 monoalkylamino, or dialkylamino; R6 = heteroalkyl, heterocyclyl, heterocyclylalkyl, heteroalkyl-substituted heterocyclyl, heteroalkyl-substituted cycloalkyl, heteroalkyl-substituted cycloalkyl, OR8, -S(O)nR8 (wherein n = an integer from 0 to 2; and R8 is heteroalkyl, heteroalkyl, heterocyclyl, or heterocyclylalkyl), NR9R10 (wherein R9 = hydrogen, alkyl; R10 = heteroalkyl, heteroalkyl, heteroalkyl, heteroalkyl, heterocyclyl, or heterocyclylalkyl), or -X-(alkylene)-Y-Z (wherein X = a covalent bond, O, NH, or S(O); where n = an integer from

0 to 2; Y = O, NH, or S and Z = heteroalkyl or SiR1(R12)(R13) (where R11, R12, R13 are independently hydrogen or alkyl)), or R6 together with adjacent R4 forms a methylenedioxy or ethylenedioxy group] or pharmaceutically acceptable salts thereof are prepd. Owing to the inhibitory activity against glycogen synthase kinase 3. beta. (GSK-3. beta.), these compds. may be used for the treatment of GSK-3. beta. mediated diseases. More specifically, they are used for the treatment of GSK-3. beta. mediated diseases selected from Alzheimer's disease, obesity, diabetes, atherosclerotic cardiovascular disease, polycystic ovary syndrome, syndrome X, ischemia, traumatic brain injury, bipolar disorder, immunodeficiency, cancer, allergy, and asthma in a mammal. The present inhibitor of GSK-3. beta. is also used for the treatment of a disease characterized by an excess of CD4+Th2 cytokines, which is asthma, allergy or allergic rhinitis or for the treatment of a disease characterized by

an excess IgE prodn., which is asthma, allergy or allergic rhinitis. The GSK-3. beta. inhibitor is preferably at least 10 fold more selective for GSK-3. beta. relative to PKC. Thus, Mitsunobu reaction of Me 3-hydroxyphenylacetate with 2-chloroethanol using Ph3P and diisopropyl azodicarboxylate in THF at room temp. overnight gave Me 3-(2-chloroethoxy)phenylacetate which was saponid. with aq. LiOH and treated with AcOH to give 3-(2-(2-chloroethoxy)phenyl)acetic acid (II) which was converted into 3-(1-methylindol-3-yl)-4-[3-(2-aminoethoxy)-phenyl]-1H-pyrrole-2,5-dione (III) in 4 steps. III in vitro showed IC50 of 0.02 mu.M against GSK-3. beta..

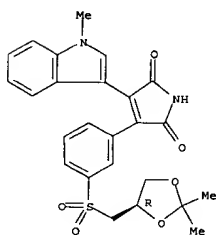
IT 396091-25-19 396091-25-4-AP  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of (indolyl)phenyl)-1H-pyrroledione derivs. as inhibitors of glycogen synthase kinase-3. beta. for therapeutic agents)

RN 396091-25-1 CAPLUS  
 CN 1H-Pyrrole-2,5-dione, 3-[3-[[[(4R)-2,2-dimethyl-1,3-dioxolan-4-yl)methyl]sulfonyl]phenyl]-4-(1-methyl-1H-indol-3-yl)- (9CI) (CA INDEX NAME)

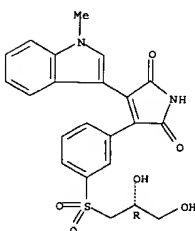
Absolute stereochemistry.

L5 ANSWER 1 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 396091-28-4 CAPLUS  
 CN 1H-Pyrrole-2,5-dione, 3-[3-[[[(2R)-2,3-dihydroxypropyl]sulfonyl]phenyl]-4-(1-methyl-1H-indol-3-yl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

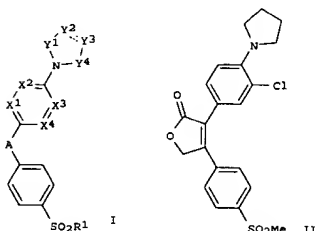


L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2001:816659 CAPLUS  
 DOCUMENT NUMBER: 135:357924  
 TITLE: Novel heterocyclic compounds, namely imidazole sulfones and analogs, with anti-inflammatory activity,  
 their preparation, and their therapeutic use as cyclooxygenase 2 inhibitors  
 INVENTOR(S): Almanza Rosales, Carmen; Gonzalez Gonzalez, Concepcion; Torres Barreda, M. Carmen  
 PATENT ASSIGNEE(S): J. Uriach & Cia S.A., Spain  
 SOURCE: PCT Int. Appl., 72 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Spanish  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001083475	A1	20011108	WO 2001-ES152	20010423

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KO, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

ES 2166710 A1 20020416 ES 2000-1138 A 20000425  
 PRIORITY APPLN. INFO.: MARPAT 135:357924  
 OTHER SOURCE(S):

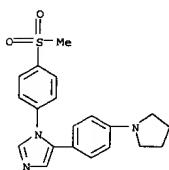


AB The invention relates to novel heterocyclic compds. of formula I, and to their salts, solvates, and prodrugs [wherein: A = 5-membered unsat. or

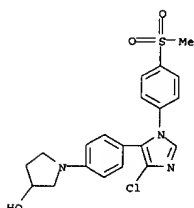
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L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
partially unsatd. ring with 1-3 optional heteroatoms (N/O/S), optional  
substituent(s) R2, and adjacent aryl groups; R1 = C1-8 (halo)alkyl,  
NR3R4,  
R2 = C1-4 (halo)alkyl, halo, oxo, cyano, NO2, CHO, COCH3, CO2R3; R3 = H,  
C1-8 alkyl, aryl, arylalkyl; R4 = H, C1-8 alkyl, arylalkyl, COR5, CO2R5,  
R5 = C1-8 (halo)alkyl; all X's = CR6; or 1-3 X's = N and the remainder =  
CR6; R6 = H, halo, C1-3 alkyl or alkoxy; dashed bond = optional pi bond;  
Y1, Y4 = CR7R7 or CO; Y2 and Y3 = CR8 when doubly bonded, or CR8R8 when  
singly bonded; Y2 can be CO if Y1 is not; Y3 can be CO if Y4 is not; Y3  
can be NR9, O, or S if Y4 is CO; R7 = H, Me, Et; R8 = H, Me, Et, OH, OMe,  
or halo; R9 = H or C1-4 alkyl; aryl = Ph or naphthyl optionally  
substituted by C1-8 (halo)alkyl, halo, cyano, NO2, OR10, alkyl-OR10,  
SR10,  
alkyl-SR10, NR10R11, NR10COR11, COR10, CO2R10; R10 = H, C1-8 alkyl,  
CH2Ph,  
R11 = C1-8 (halo)alkyl. The compds. are selective inhibitors of  
cyclooxygenase 2 (COX-2), useful as anti-inflammatory agents. Nineteen  
examples and 8 ref. examples are given. For instance,  
1-(4-methylsulfonylphenyl)ethanone underwent alpha-bromination,  
cyclocondensation with 4-nitrophenylacetic acid (60%), and hydrogenation  
at nitro (95%) to give 3-(4-aminophenyl)-4-(4-methylsulfonylphenyl)-5H-  
furan-2-one. This intermediate underwent cyclization with  
1,4-dibromobutane at the amino group (27%) and adjacent ring chlorination  
(73%) to give title compd. II. In tests for inhibition of COX-1 and  
COX-2  
activity in human cell lines, II at 0.1 .mu.M gave 93% inhibition of  
COX-2  
but did not appreciably inhibit COX-1 (0%).  
IT 372107-26-1P, 4-Chloro-1-(4-methylsulfonylphenyl)-5-[4-(1-  
pyrrolidinyl)phenyl]imidazole 372107-46-5P,  
1-(4-methylsulfonylphenyl)-5-[6-(1-pyrrolidinyl)-3-pyridyl]  
imidazole  
RL: BAC (Biological activity or effector, except adverse); BSU  
(Biological  
study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT  
(Reactant or reagent); USES (Uses)  
(drug candidate; prepn. of imidazole sulfones and analogs as  
cyclooxygenase 2 inhibitors and antiinflammatories)  
RN 372107-26-1 CAPLUS  
CN 1H-imidazole, 4-chloro-1-[4-(methylsulfonyl)phenyl]-5-[4-(1-  
pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)

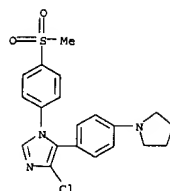


RN 372107-28-3 CAPLUS  
CN 3-Pyrrolidinol,  
1-[4-(4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-  
yl)phenyl]- (9CI) (CA INDEX NAME)

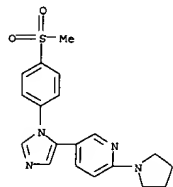


RN 372107-29-4 CAPLUS  
CN 1H-imidazole, 4-chloro-5-[4-(2-methyl-1-pyrrolidinyl)phenyl]-1-[4-  
(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

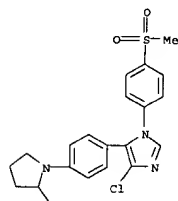


RN 372107-46-5 CAPLUS  
CN Pyridine, 5-[1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]-2-(1-  
pyrrolidinyl)- (9CI) (CA INDEX NAME)

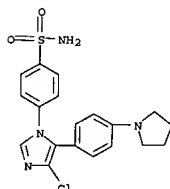


IT 372107-27-2P, 1-(4-Methylsulfonylphenyl)-5-[4-(1-  
pyrrolidinyl)phenyl]imidazole 372107-28-3P,  
4-Chloro-5-[4-(3-hydroxypyrrolidin-1-yl)phenyl]-1-(4-methylsulfonylphenyl)  
imidazole 372107-29-4P, 4-Chloro-5-[4-(2-  
methylpyrrolidin-1-yl)phenyl]-1-(4-methylsulfonylphenyl)imidazole  
372107-31-8P, 4-[4-Chloro-5-[4-(1-pyrrolidinyl)phenyl]imidazol-1-  
yl]benzenesulfonamide 372107-33-0P, 4-Chloro-5-[3-chloro-4-(1-  
pyrrolidinyl)phenyl]-1-(4-methylsulfonylphenyl)imidazole  
372107-35-2P, 4-Chloro-1-(4-methylsulfonylphenyl)-5-[4-(2,5-  
dioxypyrrolidin-1-yl)phenyl]imidazole 372107-37-4P,  
4-Chloro-1-(4-methylsulfonylphenyl)-5-[4-(2-oxo-3-pyrrolin-1-yl)phenyl]  
imidazole 372107-39-6P, 4-Chloro-1-(4-  
methylsulfonylphenyl)-5-[4-(2-oxooxazolidin-3-yl)phenyl]imidazole  
372107-43-2P, 4-Chloro-1-(4-methylsulfonylphenyl)-5-[4-(2-  
oxopyrrolidin-1-yl)phenyl]imidazole 372107-47-6P,  
4-Chloro-1-(4-methylsulfonylphenyl)-5-[6-(1-pyrrolidinyl)-3-pyridyl]  
imidazole

L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



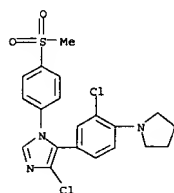
RN 372107-31-8 CAPLUS  
CN Benzenesulfonamide,  
4-[4-chloro-5-[4-(1-pyrrolidinyl)phenyl]-1H-imidazol-1-  
yl]- (9CI) (CA INDEX NAME)



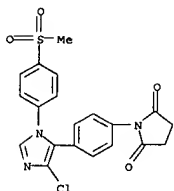
RN 372107-33-0 CAPLUS  
CN 1H-imidazole, 4-chloro-5-[3-chloro-4-(1-pyrrolidinyl)phenyl]-1-[4-  
(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

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L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

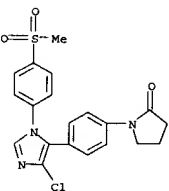


RN 372107-35-2 CAPLUS  
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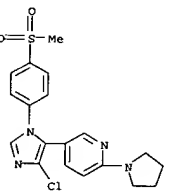


RN 372107-37-4 CAPLUS  
CN 2H-Pyrrrol-2-one, 1-[4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]phenyl]-1,5-dihydro- (9CI) (CA INDEX NAME)

L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

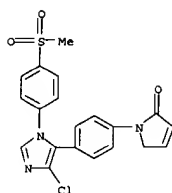


RN 372107-47-6 CAPLUS  
CN Pyridine, 2-chloro-5-[1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]-2-(1-pyrrolidinyl)- (9CI) (CA INDEX NAME)

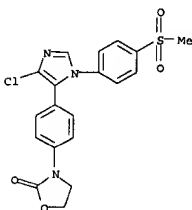


IT 265113-46-0P, 5-(4-Fluorophenyl)-1-[4-(methylsulfonyl)phenyl]imidazole 265113-63-1P, 5-(6-Chloro-3-pyridyl)-1-[4-(methylsulfonyl)phenyl]imidazole 265113-70-0P, 1-[4-(Methylsulfonyl)phenyl]-5-(4-nitrophenyl)imidazole 265113-76-6P, 4-Chloro-5-(4-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]imidazole 265113-99-3P, 4-Chloro-1-[4-(methylsulfonyl)phenyl]-5-(4-nitrophenyl)imidazole 265114-13-4P, 4-[4-Chloro-5-(4-fluorophenyl)imidazol-1-yl]benzenesulfonamide 265114-29-2P, 5-(4-Aminophenyl)-4-chloro-1-[4-(methylsulfonyl)phenyl]imidazole 372107-41-0P, 4-Chloro-5-[4-(2-chloroethoxycarbonylamino)phenyl]-1-[4-(methylsulfonyl)phenyl]imidazole  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(intermediate; prepn. of imidazole sulfones and analogs as cyclooxygenase 2 inhibitors and antiinflammatories)  
RN 265113-46-0 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-[4-(2-chloroethoxycarbonylamino)phenyl]-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

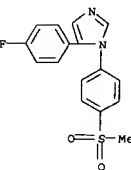


RN 372107-39-6 CAPLUS  
CN 2-Oxazolidinone, 3-[4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]phenyl]- (9CI) (CA INDEX NAME)

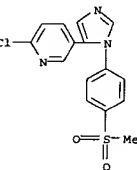


RN 372107-43-2 CAPLUS  
CN 2-Pyrrolidinone, 1-[4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]phenyl]- (9CI) (CA INDEX NAME)

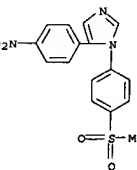
L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 265113-63-1 CAPLUS  
CN Pyridine, 2-chloro-5-[1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



RN 265113-70-0 CAPLUS  
CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-5-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

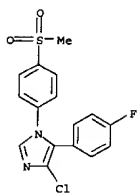


RN 265113-76-6 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-(4-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

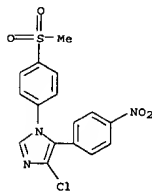


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L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

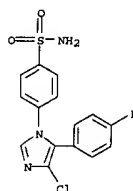


RN 265113-99-3 CAPLUS  
CN 1H-imidazole, 4-chloro-1-[4-(methylsulfonyl)phenyl]-5-(4-nitrophenyl)-  
(9CI) (CA INDEX NAME)

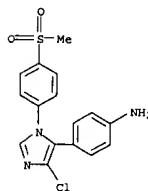


RN 265114-13-4 CAPLUS  
CN Benzenesulfonamide, 4-[4-chloro-5-(4-fluorophenyl)-1H-imidazol-1-yl]-  
(9CI) (CA INDEX NAME)

L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

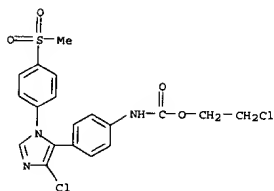


RN 265114-29-2 CAPLUS  
CN Benzenamine, 4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]-  
(9CI) (CA INDEX NAME)



RN 372107-41-0 CAPLUS  
CN Carbanic acid, [4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]phenyl]-, 2-chloroethyl ester (9CI) (CA INDEX NAME)

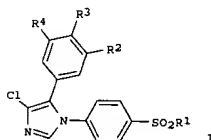
L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR  
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2001:713322 CAPLUS  
DOCUMENT NUMBER: 135:257245  
TITLE: Preparation of novel imidazole derivatives  
having antiinflammatory activity  
INVENTOR(S): Almanza Rosales, Carmen; Gonzalez Gonzalez,  
Concepcion; Torres Barreda, Maria Carmen  
PATENT ASSIGNEE(S): J. Uriach & Cia S.A., Spain  
SOURCE: PCT Int. Appl., 43 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: Spanish  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070704	A1	20010927	WO 2001-ES114	20010322
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
ES 2159489	A1	20011001	ES 2000-707	20000323
ES 2159489	B1	20020416		
PRIORITY APPLN. INFO.:			ES 2000-707	A 20000323
GI				



AB Imidazole derivs. I (R1 = Me, NH2; R2 = H, MeO, F, Cl; R3 = Me2CHO, F, EtO, H, MeO, Me2CH, Et2N; R4 = H or R2 = R4 = Cl or F for R3 = H, MeO or R2R3 = OCH2O for R1 = Me, R4 = H) were prepd. for use as antiinflammatory agents. Comps. of the invention are selective COX-2 inhibitors. Thus, 4-chloro-5-[3,4-(methylenedioxy)phenyl]-1-[4-(methylsulfonyl)phenyl]imidazole was prepd. by condensation of 4-(methylsulfonyl)aniline with 3,4-(methylenedioxy)benzaldehyde, cyclization reaction with tosylmethyl isocyanide, and chlorination and showed 98% inhibition of COX-2 and 1% inhibition of COX-2 at 0.1 μm.M.  
IT 361486-03-5P 361486-04-5P 361486-05-7P  
361486-06-5P 361486-07-9P 361486-08-0P  
361486-09-1P 361486-10-4P 361486-11-5P

Kamal Saeed

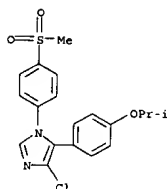
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L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

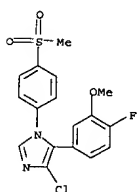
361486-12-6P 361486-13-7P 361486-14-8P  
361486-15-9P 361486-16-0P 361486-17-1P  
361486-18-2P 361486-19-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of imidazole derivs. having antiinflammatory activity)

RN 361486-03-5 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-[4-(1-methylethoxy)phenyl]-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

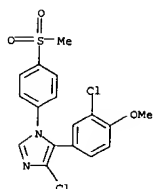


RN 361486-04-6 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-(4-fluoro-3-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

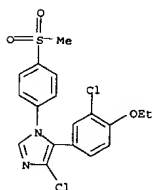


RN 361486-05-7 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-(4-ethoxy-3-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

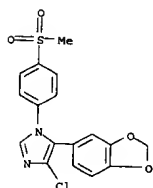
L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



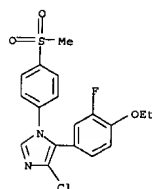
RN 361486-08-0 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-(3-chloro-4-ethoxyphenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



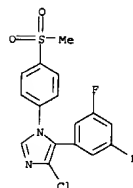
RN 361486-09-1 CAPLUS  
CN 1H-Imidazole, 5-(1,3-benzodioxol-5-yl)-4-chloro-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



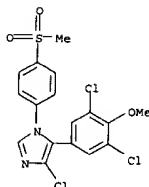
RN 361486-06-8 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-(3,5-difluorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



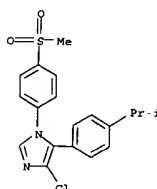
RN 361486-07-9 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-(3-chloro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 361486-10-4 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-(3,5-dichloro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



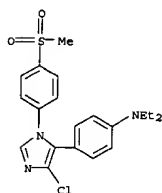
RN 361486-11-5 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-[4-(1-methylethyl)phenyl]-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



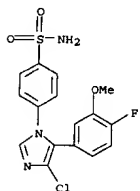
RN 361486-12-6 CAPLUS  
CN Benzenamine, 4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]-N,N-diethyl- (9CI) (CA INDEX NAME)

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L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

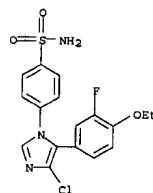


RN 361486-13-7 CAPLUS  
CN Benzenesulfonamide,  
4-[(4-chloro-5-(4-fluoro-3-methoxyphenyl)-1H-imidazol-1-yl)]- (9CI) (CA INDEX NAME)

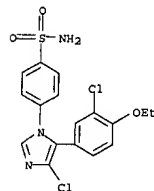


RN 361486-14-8 CAPLUS  
CN Benzenesulfonamide,  
4-[(4-chloro-5-(4-ethoxy-3-fluorophenyl)-1H-imidazol-1-yl)]- (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

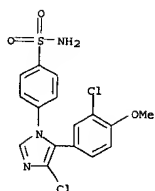


RN 361486-15-9 CAPLUS  
CN Benzenesulfonamide,  
4-[(4-chloro-5-(3-chloro-4-ethoxyphenyl)-1H-imidazol-1-yl)]- (9CI) (CA INDEX NAME)

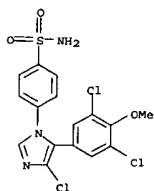


RN 361486-16-0 CAPLUS  
CN Benzenesulfonamide,  
4-[(4-chloro-5-(3-chloro-4-methoxyphenyl)-1H-imidazol-1-yl)]- (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



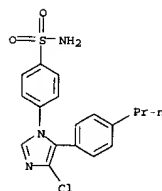
RN 361486-17-1 CAPLUS  
CN Benzenesulfonamide, 4-[(4-chloro-5-(3,5-dichloro-4-methoxyphenyl)-1H-imidazol-1-yl)]-, monohydrochloride (9CI) (CA INDEX NAME)



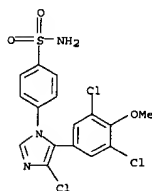
● HCl

RN 361486-18-2 CAPLUS  
CN Benzenesulfonamide, 4-[(4-chloro-5-(4-propylphenyl)-1H-imidazol-1-yl)]- (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



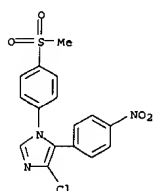
RN 361486-19-3 CAPLUS  
CN Benzenesulfonamide, 4-[(4-chloro-5-(3,5-dichloro-4-methoxyphenyl)-1H-imidazol-1-yl)]- (9CI) (CA INDEX NAME)



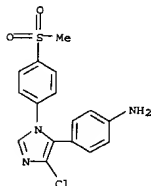
IT 265113-99-3P 265114-29-2P 361486-21-7P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(prepn. of imidazole derivs. having antiinflammatory activity)  
RN 265113-99-3 CAPLUS  
CN 1H-imidazole, 4-chloro-1-[4-(methylsulfonyl)phenyl]-5-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

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L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



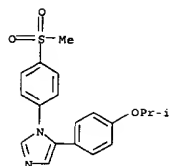
RN 265114-29-2 CAPLUS  
 CN Benzenamine, 4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]-  
 (9CI) (CA INDEX NAME)



RN 361486-21-7 CAPLUS  
 CN 1H-imidazole, 5-[4-(1-methylethoxy)phenyl]-1-[4-(methylsulfonyl)phenyl]-  
 (9CI) (CA INDEX NAME)

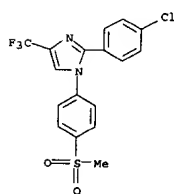
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2001:648842 CAPLUS  
 DOCUMENT NUMBER: 135:366318  
 TITLE: Three-Dimensional Quantitative Structure-Activity Relationships of Cyclo-oxygenase-2 (COX-2)  
 Inhibitors:  
 AUTHOR(S): A Comparative Molecular Field Analysis  
 Chavatte, Philippe; Yous, Saïed; Marot, Christophe;  
 Baurin, Nicolas; Lesieur, Daniel  
 CORPORATE SOURCE: Institut de Chimie Pharmaceutique Albert Lespagnol,  
 Université de Lille 2, Lille, F-59006, Fr.  
 SOURCE: Journal of Medicinal Chemistry (2001), 44(20),  
 3223-3230  
 CODEN: JMCMAR; ISSN: 0022-2623  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 AB The three-dimensional quant. structure-activity relation (3D-QSAR) approach using comparative mol. field anal. (CoMFA) was applied to an extensive series of 305 varied diarylheterocyclic derivs. known as COX-2 selective inhibitors. X-ray crystal structure of COX-2 bound with SC-558, a selective COX-2 inhibitor, was used to derive the putative bioactive conformation of these inhibitors. Five statistically significant models were obtained from the randomly constituted training sets (229 compds.) and subsequently validated with the corresponding test sets (76 compds.). The best predictive model (n = 229, q<sup>2</sup> = 0.714, N = 8, r<sup>2</sup> = 0.905, s = 0.291, F = 261.545) was selected for further comparison of the CoMFA contour maps obtained for steric, electrostatic, and lipophilic fields with the enzyme structure. The high level of compatibility with the  
 COX-2 enzyme topol. shows the great accuracy of this model that can predict inhibitory activities for a wide range of compds. and offers important structural insight into designing novel antiinflammatory drugs prior to their synthesis.  
 IT 177660-51-4 177660-54-7 177660-55-8  
 177660-65-0 177660-66-1 177660-67-2  
 177660-71-8 1H-imidazole, 2-(4-(4-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- 177660-72-9  
 177660-73-0 177660-75-2 177660-76-3,  
 Benzenesulfonamide,  
 4-[(2-(3-chloro-4-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl)]- 177660-77-4 177660-78-5  
 177660-80-9, Pyridine, 2-methyl-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]] 177660-81-0  
 177660-82-1 177660-83-2 177660-84-3  
 177660-85-4 177660-86-5 177660-88-7  
 177660-89-8 177660-90-1 177660-92-3  
 177660-93-4 177660-94-5 177660-95-6  
 177660-98-9 177660-99-0 177661-00-6  
 177661-01-7 177661-02-8 177661-03-9  
 177661-04-0 177661-05-1 177661-06-2  
 177661-07-3 177661-08-4 177661-10-8  
 177661-11-9 177661-12-0 177661-13-1  
 177661-14-2 177661-15-3 177661-17-5  
 177661-18-6 177661-19-7 177661-20-0  
 177661-21-1 177661-22-2 177661-23-3  
 177661-25-5 177661-26-6 177661-27-7  
 177661-28-8 177661-29-9, 1H-imidazole,  
 2-(4-chloro-3-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- 177661-30-2 177661-31-3

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE  
 FORMAT

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
 177661-32-4 177661-33-5 177661-35-7  
 177661-36-8, 1H-imidazole, 2-(2-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- 177661-37-9  
 177661-38-0 177661-39-1 177661-40-4  
 177661-42-6 177661-43-7 177661-45-9  
 177661-46-0 177661-47-1 177661-48-2  
 177661-49-3 177661-50-6 177661-51-7  
 177661-54-0 177661-67-5 177661-70-0  
 177661-71-1 177661-74-4 177661-75-5  
 177661-76-6 177661-77-7, 1H-imidazole,  
 2-(4-chlorophenyl)-4-(fluoromethyl)-1-[4-(methylsulfonyl)phenyl]-  
 177661-79-9 177661-87-9 177661-88-0  
 177661-92-6 177662-05-4 177662-21-4  
 189295-87-2 189295-88-3, Benzenesulfonamide,  
 4-[2-(2-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]-  
 189628-19-1 189628-20-4 189628-21-5  
 189628-25-9 189628-26-0 194467-33-9  
 194467-35-1 194467-36-2 194467-37-3  
 194467-38-4, Quinoline, 3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- 194467-39-5  
 194467-40-8 194467-41-9 194467-42-0  
 194467-60-2 194467-62-4 194467-63-5  
 298204-68-9 298204-69-0 298204-70-3  
 298204-71-4 374591-13-6  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study) (three-dimensional quant. structure-activity relationships of cyclo-oxygenase-2 (COX-2) inhibitors: a comparative mol. field anal.)  
 RN 177660-51-4 CAPLUS  
 CN 1H-imidazole, 2-(4-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

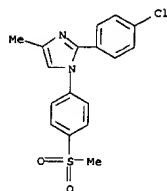


RN 177660-54-7 CAPLUS  
 CN 1H-imidazole, 2-(4-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-  
 (9CI) (CA INDEX NAME)

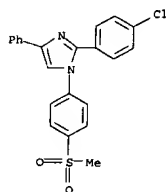
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

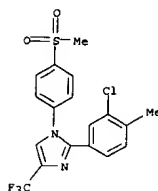


RN 177660-55-8 CAPLUS  
CN 1H-Imidazole, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-phenyl- (9CI) (CA INDEX NAME)

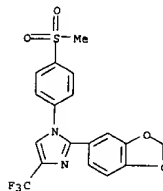


RN 177660-65-0 CAPLUS  
CN 1H-Imidazole, 2-(3-chloro-4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

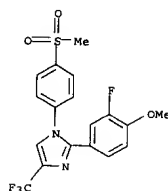


RN 177660-66-1 CAPLUS  
CN 1H-Imidazole, 2-(1,3-benzodioxol-5-yl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

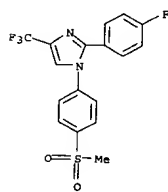


RN 177660-67-2 CAPLUS  
CN 1H-Imidazole, 2-(3-fluoro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

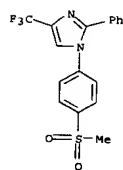
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177660-71-8 CAPLUS  
CN 1H-Imidazole, 2-(4-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

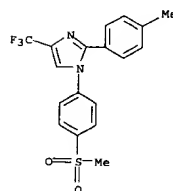


RN 177660-72-9 CAPLUS  
CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-2-phenyl-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

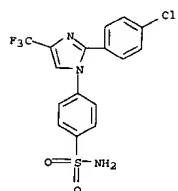


RN 177660-73-0 CAPLUS  
CN 1H-Imidazole, 2-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177660-75-2 CAPLUS  
CN Benzenesulfonamide, 4-[2-(3-chlorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

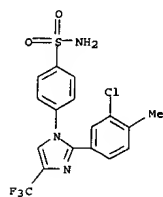


RN 177660-76-3 CAPLUS  
CN Benzenesulfonamide, 4-[2-(3-chloro-4-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

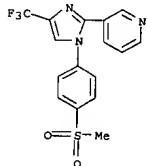
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

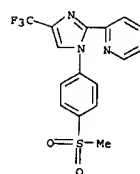


RN 177660-77-4 CAPLUS  
CN Pyridine,  
3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

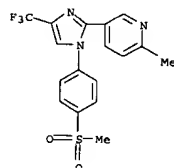


RN 177660-78-5 CAPLUS  
CN Pyridine,  
2-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

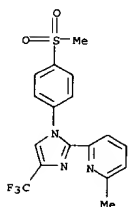


RN 177660-80-9 CAPLUS  
CN Pyridine,  
2-methyl-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

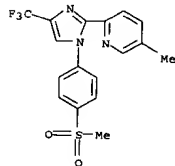


RN 177660-81-0 CAPLUS  
CN Pyridine,  
2-methyl-6-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

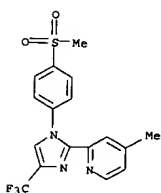
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177660-82-1 CAPLUS  
CN Pyridine,  
5-methyl-2-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

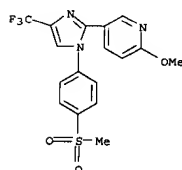


RN 177660-83-2 CAPLUS  
CN Pyridine,  
4-methyl-2-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

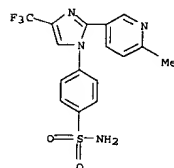


L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 177660-84-3 CAPLUS  
CN Pyridine,  
2-methoxy-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)



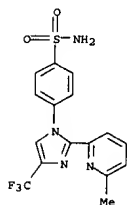
RN 177660-85-4 CAPLUS  
CN Benzenesulfonamide, 4-[2-(6-methyl-3-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



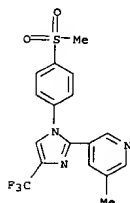
RN 177660-86-5 CAPLUS  
CN Benzenesulfonamide, 4-[2-(6-methyl-2-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

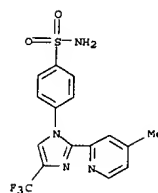


RN 177660-88-7 CAPLUS  
CN Pyridine,  
3-methyl-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

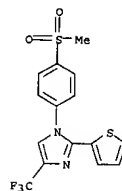


RN 177660-89-8 CAPLUS  
CN Benzenesulfonamide, 4-[2-(4-methyl-2-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

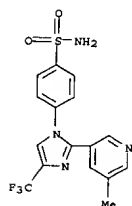


RN 177660-90-1 CAPLUS  
CN 1H-imidazole, 1-[4-(methylsulfonyl)phenyl]-2-(2-thienyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

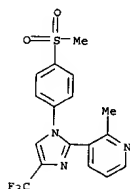


RN 177660-92-3 CAPLUS  
CN Benzenesulfonamide, 4-[2-(5-methyl-3-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

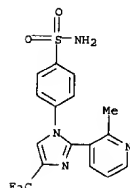


RN 177660-93-4 CAPLUS  
CN Pyridine,  
2-methyl-3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

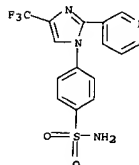


RN 177660-94-5 CAPLUS  
CN Benzenesulfonamide, 4-[2-(2-methyl-3-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

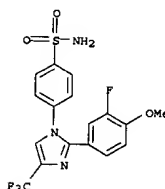
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177660-95-6 CAPLUS  
CN Benzenesulfonamide, 4-[2-(3-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



RN 177660-98-9 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-fluoro-4-methoxyphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

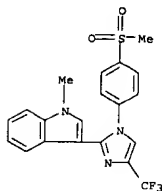


RN 177660-99-0 CAPLUS

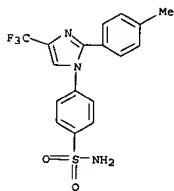
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
 CN 1H-Indole,  
 1-methyl-3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

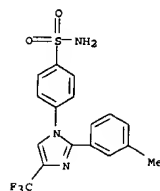


RN 177661-00-6 CAPLUS  
 CN Benzenesulfonamide,  
 4-[2-(4-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

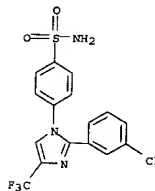


RN 177661-01-7 CAPLUS  
 CN Benzenesulfonamide,  
 4-[2-(3-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

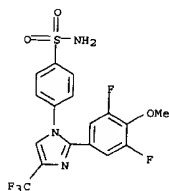


RN 177661-02-8 CAPLUS  
 CN Benzenesulfonamide,  
 4-[2-(3-chlorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

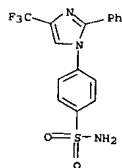


RN 177661-03-9 CAPLUS  
 CN Benzenesulfonamide, 4-[2-(3,5-difluoro-4-methoxyphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

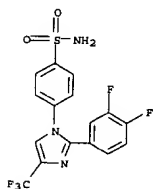
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-04-0 CAPLUS  
 CN Benzenesulfonamide, 4-[2-phenyl-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

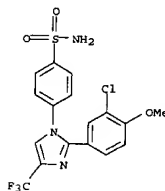


RN 177661-05-1 CAPLUS  
 CN Benzenesulfonamide, 4-[2-(3,4-difluorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

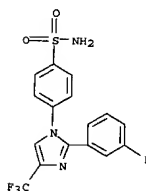


RN 177661-06-2 CAPLUS  
 CN Benzenesulfonamide,  
 4-[2-(3-chloro-4-methoxyphenyl)-4-(trifluoromethyl)-1H-

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-07-3 CAPLUS  
 CN Benzenesulfonamide,  
 4-[2-(3-fluorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

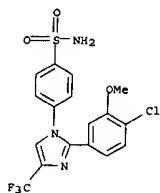


RN 177661-08-4 CAPLUS  
 CN Benzenesulfonamide,  
 4-[2-(4-chloro-3-methoxyphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

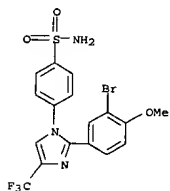


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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

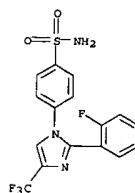


RN 177661-10-8 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-bromo-4-methoxyphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

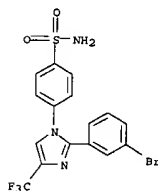


RN 177661-11-9 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(2-fluorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

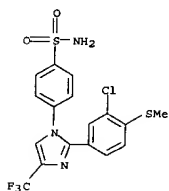


RN 177661-12-0 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-bromophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

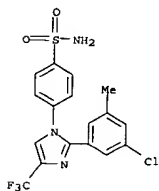


RN 177661-13-1 CAPLUS  
CN Benzenesulfonamide, 4-[2-[3-chloro-4-(methylthio)phenyl]-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

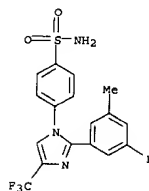


RN 177661-14-2 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-chloro-5-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

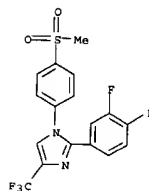


RN 177661-15-3 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-fluoro-5-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

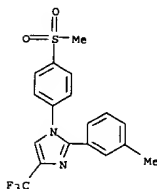
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-17-5 CAPLUS  
CN 1H-imidazole, 2-[3-(4-difluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



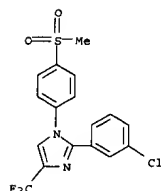
RN 177661-18-6 CAPLUS  
CN 1H-imidazole, 2-[3-(4-difluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



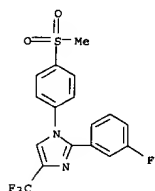
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
 RN 177661-19-7 CAPLUS  
 CN 1H-Imidazole, 2-(3-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

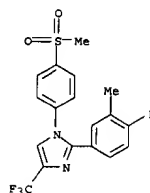


RN 177661-20-0 CAPLUS  
 CN 1H-Imidazole, 2-(3-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

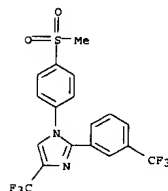


RN 177661-21-1 CAPLUS  
 CN 1H-Imidazole, 2-(4-fluoro-3-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

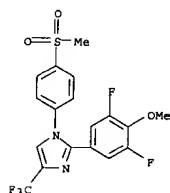


RN 177661-22-2 CAPLUS  
 CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-2-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

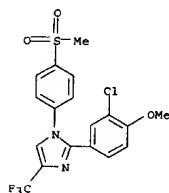


RN 177661-23-3 CAPLUS  
 CN 1H-Imidazole, 2-(3,5-difluoro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

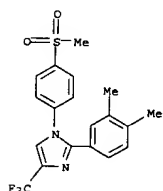
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-25-5 CAPLUS  
 CN 1H-Imidazole, 2-(3-chloro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

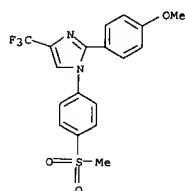


RN 177661-26-6 CAPLUS  
 CN 1H-Imidazole, 2-(3,4-dimethylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

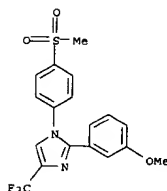


L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 177661-27-7 CAPLUS  
 CN 1H-Imidazole, 2-(4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



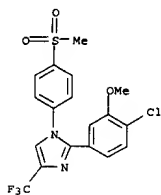
RN 177661-28-8 CAPLUS  
 CN 1H-Imidazole, 2-(3-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



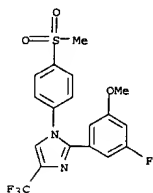
RN 177661-29-9 CAPLUS  
 CN 1H-Imidazole, 2-(4-chloro-3-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

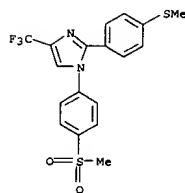


RN 177661-30-2 CAPLUS  
CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-2-(3-fluoro-5-methoxyphenyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

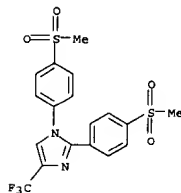


RN 177661-31-3 CAPLUS  
CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-2-[4-(methylthio)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

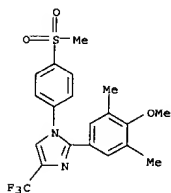


RN 177661-32-4 CAPLUS  
CN 1H-Imidazole, 1,2-bis[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

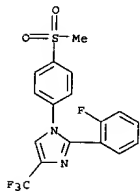


RN 177661-33-5 CAPLUS  
CN 1H-Imidazole, 2-(4-methoxy-3,5-dimethylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

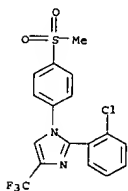
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-35-7 CAPLUS  
CN 1H-Imidazole, 2-(2-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

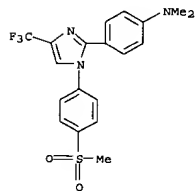


RN 177661-36-8 CAPLUS  
CN 1H-Imidazole, 2-(2-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

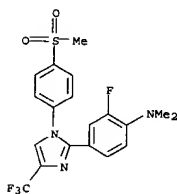


L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 177661-37-9 CAPLUS  
CN Benzenamine, N,N-dimethyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)



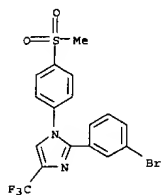
RN 177661-38-0 CAPLUS  
CN Benzenamine, N,N-dimethyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)



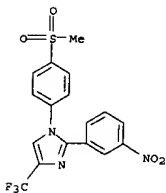
RN 177661-39-1 CAPLUS  
CN 1H-Imidazole, 2-(3-bromophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

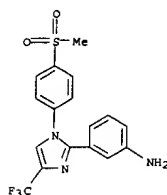


RN 177661-40-4 CAPLUS  
CN 1H-imidazole, 1-[4-(methylsulfonyl)phenyl]-2-(3-nitrophenyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

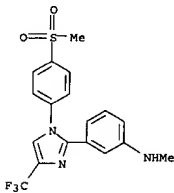


RN 177661-42-6 CAPLUS  
CN Benzenamine, 3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

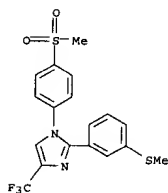


RN 177661-43-7 CAPLUS  
CN Benzenamine, 1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

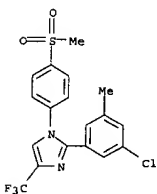


RN 177661-45-9 CAPLUS  
CN Benzenamine, 1-[4-(methylsulfonyl)phenyl]-2-[3-(methylthio)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

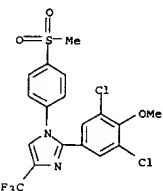
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-46-0 CAPLUS  
CN 1H-imidazole, 2-(3-chloro-5-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

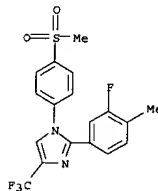


RN 177661-47-1 CAPLUS  
CN 1H-imidazole, 2-(3,5-dichloro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

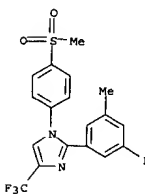


L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 177661-48-2 CAPLUS  
CN 1H-imidazole, 2-(3-fluoro-4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



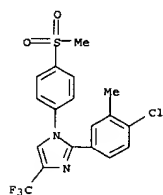
RN 177661-49-3 CAPLUS  
CN 1H-imidazole, 2-(3-fluoro-5-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



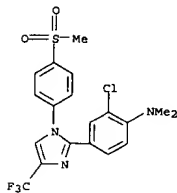
RN 177661-50-6 CAPLUS  
CN 1H-imidazole, 2-(4-chloro-3-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

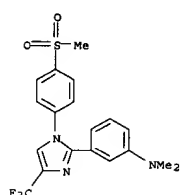


RN 177661-51-7 CAPLUS  
CN Benzenamine, 2-chloro-N,N-dimethyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

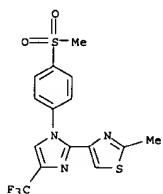


RN 177661-54-0 CAPLUS  
CN Benzenamine, N,N-dimethyl-3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

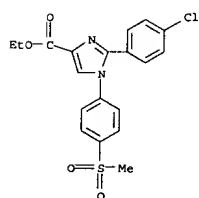


RN 177661-67-5 CAPLUS  
CN Thiazole, 2-methyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

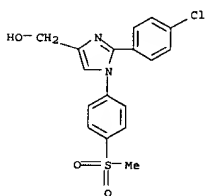


RN 177661-70-0 CAPLUS  
CN 1H-imidazole-4-carboxylic acid, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

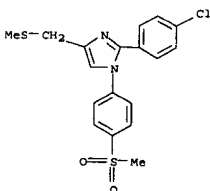
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-71-1 CAPLUS  
CN 1H-imidazole-4-methanol, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

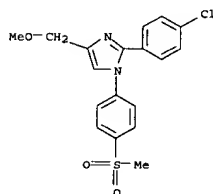


RN 177661-74-4 CAPLUS  
CN 1H-imidazole, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-[(methylthio)methyl]- (9CI) (CA INDEX NAME)

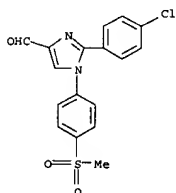


L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 177661-75-5 CAPLUS  
CN 1H-imidazole, 2-(4-chlorophenyl)-4-(methoxymethyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



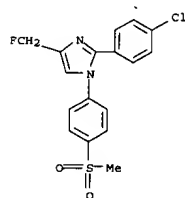
RN 177661-76-6 CAPLUS  
CN 1H-imidazole-4-carboxaldehyde, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



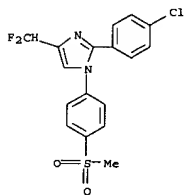
RN 177661-77-7 CAPLUS  
CN 1H-imidazole, 2-(4-chlorophenyl)-4-(fluoromethyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

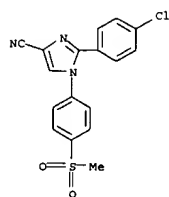


RN 177661-79-9 CAPLUS  
CN 1H-imidazole, 2-(4-chlorophenyl)-4-(difluoromethyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

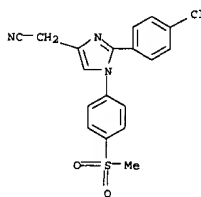


RN 177661-87-9 CAPLUS  
CN 1H-imidazole-4-carbonitrile, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

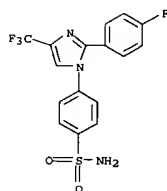


RN 177661-88-0 CAPLUS  
CN 1H-imidazole-4-acetonitrile, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

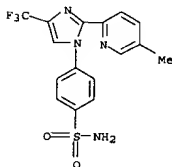


RN 177661-92-6 CAPLUS  
CN Benzenesulfonamide, 4-[2-(4-fluorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

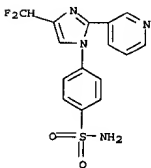
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177662-05-4 CAPLUS  
CN Benzenesulfonamide, 4-[2-(5-methyl-2-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

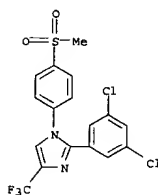


RN 177662-21-4 CAPLUS  
CN Benzenesulfonamide, 4-[4-(difluoromethyl)-2-(3-pyridinyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

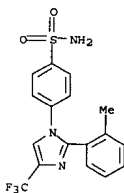


RN 189295-87-2 CAPLUS  
CN 1H-imidazole, 2-(3,5-dichlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

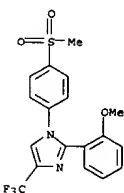
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 189295-88-3 CAPLUS  
CN Benzenesulfonamide, 4-[2-(2-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



RN 189628-19-1 CAPLUS  
CN 1H-imidazole, 2-(2-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

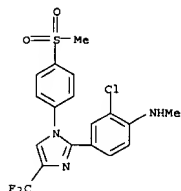


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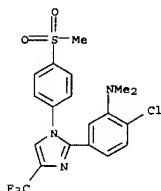
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 189628-20-4 CAPLUS  
CN Benzenamine, 2-chloro-N-methyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

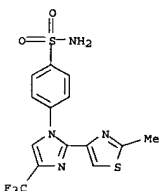


RN 189628-21-5 CAPLUS  
CN Benzenamine, 2-chloro-N,N-dimethyl-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

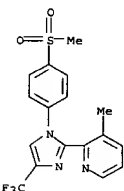


RN 189628-25-9 CAPLUS  
CN 1H-Imidazole, 2-(3,5-dibromo-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

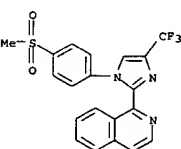
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 194467-35-1 CAPLUS  
CN Pyridine, 3-methyl-2-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

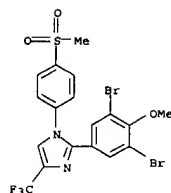


RN 194467-36-2 CAPLUS  
CN Isoquinoline, 1-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

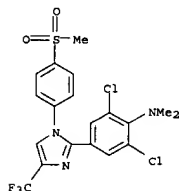


RN 194467-37-3 CAPLUS  
CN Benzenesulfonamide, 4-[2-(3-methyl-2-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

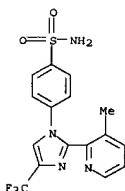


RN 189628-26-0 CAPLUS  
CN Benzenamine, 2,6-dichloro-N,N-dimethyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

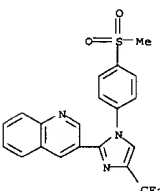


RN 194467-33-9 CAPLUS  
CN Benzenesulfonamide, 4-[2-(2-methyl-4-thiazolyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 194467-38-4 CAPLUS  
CN Quinoline, 3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)



RN 194467-39-5 CAPLUS  
CN Benzenesulfonamide, 4-[2-(2-thienyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

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